EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	35054	blow adj mold$4	US-PGPUB; USPAT	OR	ON	2009/01/08 16:21
S2	4389	compress with handle	US-PGPUB; USPAT	OR	ON	2009/01/08 16:21
S3	35	S1 and S2	US-PGPUB; USPAT	OR	ON	2009/01/08 16:21
S4	3	S3 and pet	US-PGPUB; USPAT	OR	ON	2009/01/08 16:21
S5	20743	pet and bottle	US-PGPUB; USPAT	OR	ON	2009/01/08 16:26
S6	3667	hand with compress	US-PGPUB; USPAT	OR	ON	2009/01/08 16:26
S7	22	S6 and S5	US-PGPUB; USPAT	OR	ON	2009/01/08 16:26
S8	1	"5057266".pn.	US-PGPUB; USPAT	OR	ON	2009/01/08 16:27
S9	24	("3744656" | "4170623" | "4280805" | "4368826" | "4378328" | "4659531" | "4713207" | "4727997" | "Re03116").PN. OR ("5057266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:27
S10	15	("3342916" | "3787170" | "3928522" | "4727997" | "4988279" | "4992230" | "4993931" | "5057266" | "5080855" | "5256341" | "5275780" | "5543107" | "6277321").PN. OR ("6733716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:32
S11	3	S9 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:33
S12	3	S10 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:34
S13	2488	convex adj profile	US-PGPUB; USPAT	OR	ON	2009/01/08 16:49
S14	2731	concave adj profile	US-PGPUB; USPAT	OR	ON	2009/01/08 16:49
S15	888	S13 and S14	US-PGPUB; USPAT	OR	ON	2009/01/08 16:49

S16	119	S15 and (mandrel or core)	US-PGPUB; USPAT	OR	ON	2009/01/08 16:49
S17	40	S16 and (parison or hollow or tube)	US-PGPUB; USPAT	OR	ON	2009/01/08 16:50
S18	1	"4422839".pn.	US-PGPUB; USPAT	OR	ON	2009/01/08 16:53
S19	31	("3078507" | "3205534" | "3281896" | "3309443" | "3355769" | "3453690" | "3909183" | "3985490" | "4124351" | "4171195" | "4279857").PN. OR ("4422839").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:54
S20	30	("3024494" | "3114932" | "3309443" | "3586084" | "3665063" | "3914366" | "3981672" | "4045154" | "4063865" | "4075187" | "4076121" | "4173446" | "4218416" | "4258641" | "4279857" | "4318489" | "4323339" | "4374878" | "4402898" | "4406854" | "4422839" | "4496301" | "4650629" | "Re28068"). PN. OR ("4735834").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 17:03
S21	16	("3309443").URPN.	USPAT	OR	ON	2009/01/08 17:06
S22	1	"1685943"	EPO	OR	ON	2009/01/08 17:10
S23	1	"1004423"	EPO	OR	ON	2009/01/08 17:10
S24	1323	insert adj injection adj mold $3	US-PGPUB; USPAT	OR	ON	2009/03/31 13:38
S25	94	S24 with bond$4	US-PGPUB; USPAT	OR	ON	2009/03/31 13:38
S26	1	"5087406".pn.	US-PGPUB; USPAT	OR	ON	2009/03/31 13:44
S27	1	"5057266".pn.	US-PGPUB; USPAT	OR	ON	2009/03/31 13:51
S28	0	S24 with seam with (bottle or container)	US-PGPUB; USPAT	OR	ON	2009/03/31 13:59
S29	1	S24 with seam	US-PGPUB; USPAT	OR	ON	2009/03/31 13:59
S30	41	S24 with container	US-PGPUB; USPAT	OR	ON	2009/03/31 14:00
S31	19	S24 and (bottle or container) with PET	US-PGPUB; USPAT	OR	ON	2009/03/31 14:07
S32	83	S24 with (seal$3 or seam)	US-PGPUB; USPAT	OR	ON	2009/03/31 14:09

S33	10078	264/500-574.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/31 14:13
S34	6	S33 and (pet with handle). ab.	US-PGPUB; USPAT	OR	ON	2009/03/31 14:13
S35	7	("4659531" | "4727997"). PN. OR ("4992230").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:14
S36	31	S33 and (pet with handle)	US-PGPUB; USPAT	OR	ON	2009/03/31 14:15
S37	29	S36 not S35	US-PGPUB; USPAT	OR	ON	2009/03/31 14:15
S38	1747	insert adj injection	US-PGPUB; USPAT	OR	ON	2009/03/31 14:17
S39	27	S38 and S33	US-PGPUB; USPAT	OR	ON	2009/03/31 14:17
S40	1	"4199129".pn.	US-PGPUB; USPAT	OR	ON	2009/03/31 14:19
S41	11	("3339232" | "3736201"). PN. OR ("4199129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:19
S42	1	"5087406".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:20
S43	19	("2991500" | "3366290" | "3444285" | "3892828" | "4079850").PN. OR ("5087406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:20
S44	18	("3366290").URPN.	USPAT	OR	ON	2009/03/31 14:24
S45	947	insert adj injection	USPAT	OR	ON	2009/03/31 14:27
S46	1117	insert adj inject$4	USPAT	OR	ON	2009/03/31 14:27
S47	21	S46 and S33	USPAT	OR	ON	2009/03/31 14:27
S48	12	("2262612" | "3590114"). PN. OR ("4057609").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:30
S49	2	"3366290".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 14:35
S50	18	("3366290").URPN.	USPAT	OR	ON	2009/03/31 14:38
S51	14	S24 with ultrasonic	USPAT	OR	ON	2009/03/31 14:39
S52	25	S24 with ultrasonic	US-PGPUB; USPAT	OR	ON	2009/03/31 14:39

S53	1	"6450722".pn.	US-PGPUB; USPAT	OR	ON	2009/03/31 15:00
S54	29	("3022814" | "3440117" | "3499808" | "3773205" | "4106962" | "4259419"). PN. OR ("4356926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:03
S55	78	diaphragm adj gate	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:05
S56	1329	425/129.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:35
S57	1	S56 and bond with seam	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:35
S58	466	264/252.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:36
S59	0	S58 and pet same (container or bottle)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:36
S60	0	S58 and seasm	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:36
S61	20	S58 and seam	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:36
S62	1	"20020125254".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:38
S63	50	inject with resin with seal	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:41
S64	46	inject with resin with seal	US-PGPUB; USPAT	OR	ON	2009/03/31 15:42
S65	8	inject with resin with seal with cavity	US-PGPUB; USPAT	OR	ON	2009/03/31 15:42
S66	349	264/252.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/31 15:44
S67	111	S66 and seal	US-PGPUB; USPAT	OR	ON	2009/03/31 15:44
S68	19	S66 and seam	US-PGPUB; USPAT	OR	ON	2009/03/31 15:44
S69	1524	(seam or seal or bond) with (resin or thermoplastic) with cavity	US-PGPUB; USPAT	OR	ON	2009/03/31 15:45
S70	73	S69 and S33	US-PGPUB; USPAT	OR	ON	2009/03/31 15:45

S71	7	("0762064" | "3070479" | "3072959").PN. OR ("5743988").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:47
S72	1329	425/129.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:58
S73	46	S72 and cavity with (bond or seam)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:58
S74	34	("4153667" | "4177239" | "4235837" | "4241008" | "4318882" | "4372735" | "4375442" | "4379099" | "4385089" | "4397808" | "4482518" | "4512948" | "4522779" | "4550007" | "4584158" | "4589559" | "4590021" | "4603066" | "4820795" | "4836971" | "4839127" | "4846656" | "4933135" | "5145632" | "5248533").PN. OR ("5540879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:02
S75	3	injection adj weld$3 with seam	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:13
S76	170	injection adj bond$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:13
S77	14	("3342916" | "3787170" | "3928522" | "4727997" | "4988279" | "4992230" | "4993931" | "5057266" | "5080855" | "5256341" | "5275780" | "5543107" | "6277321").PN. OR ("7153455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:26
S78	19	("2951264" | "3649728" | "3662048" | "3776991" | "3781395").PN. OR ("3928522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:29
S79	40	("3781395").URPN.	USPAT	OR	ON	2009/03/31 16:32
S80	28	("2715751" | "2966702" | "3012286" | "3052916" | "3399424" | "3579622" | "3718724" | "3781395"). PN. OR ("3944642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:34

S81	28	("2715751" | "2966702" | "3012286" | "3052916" | "3399424" | "3579622" | "3718724" | "3781395").PN. OR ("3944642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:37
S82	34	("4153667" | "4177239" | "4235837" | "4241008" | "4318882" | "4372735" | "4375442" | "4379099" | "4385089" | "4397808" | "4482518" | "4512948" | "4522779" | "4550007" | "4584158" | "4589559" | "4590021" | "4603066" | "4820795" | "4836971" | "4839127" | "4846656" | "4933135" | "5145632" | "5248533").PN. OR ("5540879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 07:40
S83	40	("3781395").URPN.	USPAT	OR	ON	2009/04/01 07:42
S84	15	("2951264" | "3159697" | "3649728" | "3662048" | "3776991" | "3781395").PN. OR ("4038006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 07:45
S85	2	"3362043".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 07:55
S86	0	("2004/0108627").URPN.	USPAT	OR	ON	2009/04/01 08:06
S87	9	("0391167" | "4629598" | "4915241" | "5469612" | "5535901" | "5637167" | "5704506" | "5918754" | "5931324").PN.	USPAT	OR	ON	2009/04/01 08:11
S88	18	(US-20040108627-$ or US-20020125254-$).did. or (US-7153455-$ or US-6733716-$ or US-4735834-$ or US-7048883-$ or US-6712232-$ or US-4356926-$ or US-5540879-$ or US-4057609-$ or US-4992230-$ or US-4123217-$ or US-3781395-$ or US-3944642-$ or US-4038006-$).did. or (US-3309443-$ or US-3366290-$ or US-3781395-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 08:53
S89	6	S88 and ultrasonic	US-PGPUB; USPAT	OR	ON	2009/04/01 08:53

S90	1992	ultrasonic with seam	US-PGPUB; USPAT	OR	ON	2009/04/01 08:54
S91	10078	264/500-574.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/01 08:54
S92	10078	S91	US-PGPUB; USPAT	OR	ON	2009/04/01 08:54
S93	1098	S90 and "27"	US-PGPUB; USPAT	OR	ON	2009/04/01 08:54
S94	7	S90 and S91	US-PGPUB; USPAT	OR	ON	2009/04/01 08:55
S95	1399	ultrasonic with handle	US-PGPUB; USPAT	OR	ON	2009/04/01 08:55
S96	11	S91 and S95	US-PGPUB; USPAT	OR	ON	2009/04/01 08:55
S97	34	("3115682" | "3140329" | "3163544").PN. OR ("4280859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 08:58
S98	7788	handle with bond$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:02
S99	31	S91 and S98	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:02
S100	5	("5275780" | "5543107" | "6277321" | "6733716" | "7153455").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:03
S101	2	"3366290".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:14
S102	18	("3366290").URPN.	USPAT	OR	ON	2009/04/01 09:14
S103	42	("2991500" | "3195752" | "3366290" | "3369690" | "3444285" | "3547294" | "3892828" | "4079850" | "4116608" | "4195053" | "4816308" | "4846359" | "4868026" | "4952133" | "5087406" | "5089208" | "5232107" | "5275780"). PN. OR ("5366101").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:15
S104	547	injection adj mold$3 with flash	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:19
S105	5565	injection adj mold$3 with (flash or flange or sprue)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:19
S106	280	S105 with (container or bottle)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:19

S107	64	injection adj mold$3 with (flash or flange or sprue) with handle	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:20
S108	2513	inject$3 with (resin or mold$3) with bond	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:31
S109	9046	inject$3 with (resin or mold$3) with bond$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:31
S110	30	inject$3 with (resin or mold$3) with bond$3 with seam	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:31
S111	1	"5480604".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:37
S112	12	inject$3 with (resin or mold$3) with bond$3 with flash	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:38
S113	0	inject$3 with (resin or mold$3) near8 bond$3 near8 flash	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:39
S114	7	inject$3 with (resin or mold$3) near8 bond$3 with flash	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:39
S115	92	seam adj pucker$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:40
S116	1	"5808215".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:42
S117	62	inject$3 with clamp$3 with flange with (bond$3 or seal$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:50
S118	67	(steve near2 smith).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:52
S119	8	S118 and flange	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:52
S120	69	overmold$3 and S91	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:53
S121	11	(overmold$3 with (bond or adhere or seam)) and S91	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:54
S122	16	(overmold$3 with (bond$3 or adhere or seam)) and S91	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:54

S123	6	injection adj attach$4 with flange	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 09:57
S124	667	425/525.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:08
S125	22	("3538543" | "3564087" | "3740181").PN. OR ("3983199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:15
S126	6	("3579620").URPN.	USPAT	OR	ON	2009/04/01 13:19
S127	1	("1127381").URPN.	USPAT	OR	ON	2009/04/01 13:32
S128	98	426/116.ccls.	USPAT	OR	ON	2009/04/01 13:34
S129	665	425/112.ccls.	USPAT	OR	ON	2009/04/01 13:37
S130	10078	264/500-574.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:04
S131	110	S130 and heat adj bond$3	US-PGPUB; USPAT	OR	ON	2009/04/01 14:04
S132	0	S130 and heat adj bond$3 with handle	US-PGPUB; USPAT	OR	ON	2009/04/01 14:05
S133	4	S130 and heat adj bond$3 same handle	US-PGPUB; USPAT	OR	ON	2009/04/01 14:05
S134	301	S130 and ultrasonic	US-PGPUB; USPAT	OR	ON	2009/04/01 14:07
S135	8	S124 and ultrasonic	US-PGPUB; USPAT	OR	ON	2009/04/01 14:07
S136	12	S130 and ultrasonic same handle	US-PGPUB; USPAT	OR	ON	2009/04/01 14:08
S137	301	S130 and ultrasonic	US-PGPUB; USPAT	OR	ON	2009/04/01 15:07
S138	307	S130 and (ultrasonic or ultra adj sonic)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:07
S139	109	S130 and (ultrasonic or ultra adj sonic) same (ahndle or seam or bond $3)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:07
S140	1	("20020171161").PN.	US-PGPUB; USPAT	OR	ON	2009/04/01 15:10
S141	47190	seal with container	US-PGPUB; USPAT	OR	ON	2009/04/01 15:12
S142	322	S141 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:12
S143	1	"3740181".pn.	US-PGPUB; USPAT	OR	ON	2009/04/01 15:12

S144	22	("2715751" | "2966702" | "3106745" | "3204018" | "3477097" | "3635635"). PN. OR ("3740181").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:13
S145	22	("3538543" | "3564087" | "3740181").PN. OR ("3983199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:15
S146	20	(US-20040108627-$ or US-20020125254-$).did. or (US-7153455-$ or US-6733716-$ or US-4735834-$ or US-7048883-$ or US-6712232-$ or US-4356926-$ or US-5540879-$ or US-4057609-$ or US-4992230-$ or US-4123217-$ or US-3781395-$ or US-3944642-$ or US-4038006-$ or US-3983199-$ or US-3579620-$).did. or (US-3309443-$ or US-3366290-$ or US-3781395-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:15
S147	0	S146 and (grind$3 or ground)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:15
S148	3	S146 and (flash)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:15
S149	2	S146 and tail$3	US-PGPUB; USPAT	OR	ON	2009/04/01 15:19
S150	0	S124 and (bond with seam)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:21
S151	16	S124 and (grind or remove) with (flash or tail$4)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:21
S152	16	S124 and (grind$3 or remove) with (flash or tail$4)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:21
S153	65	S124 and (grind$3 or remov$3) with (flash or tail$4)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:22
S154	534	425/525.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/01 15:28
S155	14257	(flash or tail$4 or sprue) with (ground or grind$3 or comfortable or uncomfortable or handle)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:29
S156	9302	(flash or tail$4 or sprue) with (ground or grind$3)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:29
S157	20	S156 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:30
S158	4845	(flash or tail$4 or sprue) with (handle)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:33

S159	20	S157 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:33
S160	20	S159 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:33
S161	38	S158 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:33
S162	318	(flash or tail$4 or sprue) with (comfortable or uncomfortable)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:35
S163	0	S162 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:35
S164	12941	(flash or tail$4 or sprue) with (hand)	US-PGPUB; USPAT	OR	ON	2009/04/01 15:35
S165	36	S164 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:35
S166	6459	comfortable with handle	US-PGPUB; USPAT	OR	ON	2009/04/01 15:41
S167	3070	bond with flange	US-PGPUB; USPAT	OR	ON	2009/04/01 15:41
S168	1	S166 same S167	US-PGPUB; USPAT	OR	ON	2009/04/01 15:41
S169	12758	ultrasonic with seal$3	US-PGPUB; USPAT	OR	ON	2009/04/01 15:43
S170	37	S169 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 15:43
S171	35	("3342916" | "3362043" | "3366290" | "3369690" | "3400846" | "3444285" | "3746200" | "3892828" | "3944642" | "3983199" | "4799129" | "4969571" | "4988279" | "5232107" | "5275780").PN. OR ("5392950").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:47
S172	4783	(flash or sprue or tail$3) with finger	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:51
S173	4783	S172 and finger	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:51
S174	7	S172 and S130	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 15:51
S175	7549	(seal or bond) near6 handle	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 16:14
S176	8	S175 and S124	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 16:14

S177	2	"3366290".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 16:15
S178	18	("3366290").URPN.	USPAT	OR	ON	2009/04/01 16:15
S179	1864	bonding with compressed	USPAT	OR	ON	2009/04/01 16:22
S180	2791	bonding with compressed	US-PGPUB; USPAT	OR	ON	2009/04/01 16:22
S181	15088	bonding with compress$3	US-PGPUB; USPAT	OR	ON	2009/04/01 16:22
S182	0	S181 with S130	US-PGPUB; USPAT	OR	ON	2009/04/01 16:22
S183	74	S181 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 16:22
S184	287	ultrasonic with weld$3 with handle	US-PGPUB; USPAT	OR	ON	2009/04/01 16:25
S185	17	S184 and pet	US-PGPUB; USPAT	OR	ON	2009/04/01 16:25
S186	1	"3366290".pn.	US-PGPUB; USPAT	OR	ON	2009/04/01 16:34
S187	22	(US-20040108627-$ or US-20020125254-$).did. or (US-7153455-$ or US-6733716-$ or US-4735834-$ or US-7048883-$ or US-6712232-$ or US-4356926-$ or US-5540879-$ or US-4057609-$ or US-4992230-$ or US-4123217-$ or US-3781395-$ or US-3944642-$ or US-4038006-$ or US-3983199-$ or US-3579620-$ or US-3892828-$ or US-5392950-$).did. or (US-3309443-$ or US-3366290-$ or US-3781395-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 16:52
S188	290705	S187 shear$3	US-PGPUB; USPAT	OR	ON	2009/04/01 16:53
S189	2	S187 and shear$3	US-PGPUB; USPAT	OR	ON	2009/04/01 16:53
S190	2345407	partial$3 shear$3	US-PGPUB; USPAT	OR	ON	2009/04/01 16:55
S191	6584	partial$3 with shear$3	US-PGPUB; USPAT	OR	ON	2009/04/01 16:55
S192	24	S191 and S130	US-PGPUB; USPAT	OR	ON	2009/04/01 16:55

S193	14	("3342916" | "3787170" | "3928522" | "4727997" | "4988279" | "4992230" | "4993931" | "5057266" | "5080855" | "5256341" | "5275780" | "5543107" | "6277321").PN. OR ("7153455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 09:39
S194	10080	264/500-574.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/02 09:39
S195	0	S194 and utlrasonic	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 09:39
S196	301	S194 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 09:39
S197	11	S194 and ultrasonic with handle	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 09:39
S198	23	(US-20040108627-$ or US-20020125254-$ or US-20020171161-$).did. or (US-7153455-$ or US-6733716-$ or US-4735834-$ or US-7048883-$ or US-6712232-$ or US-4356926-$ or US-5540879-$ or US-4057609-$ or US-4992230-$ or US-4123217-$ or US-3781395-$ or US-3944642-$ or US-4038006-$ or US-3983199-$ or US-3579620-$ or US-3892828-$ or US-5392950-$).did. or (US-3309443-$ or US-3366290-$ or US-3781395-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:38
S199	1	S198 and heat$3 with tip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:39
S200	667	425/525.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:40
S201	5	S200 and heat$3 with tip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:40
S202	648295	"23" and cryst$	US-PGPUB; USPAT	OR	ON	2009/04/02 11:45
S203	6	S198 and cryst$	US-PGPUB; USPAT	OR	ON	2009/04/02 11:45
S204	2	"3362043".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:56

S205	8	S198 and heated	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:59
S206	0	punch adj press with heated adj tip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 12:13
S207	3	(penetrate or shear$3) and S198	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 12:14
S208	204	425/537.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/02 13:12
S209	0	punch with perforate with pet	US-PGPUB; USPAT	OR	ON	2009/04/02 13:13
S210	450	punch with perforate	US-PGPUB; USPAT	OR	ON	2009/04/02 13:14
S211	14	punch with perforate with container	US-PGPUB; USPAT	OR	ON	2009/04/02 13:14
S212	1713222	cut$	US-PGPUB; USPAT	OR	ON	2009/04/02 13:15
S213	6	S212 and S198	US-PGPUB; USPAT	OR	ON	2009/04/02 13:15
S214	667	425/525.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:17
S215	68	S214 and pet	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:18
S216	14	("3342916" | "3787170" | "3928522" | "4727997" | "4988279" | "4992230" | "4993931" | "5057266" | "5080855" | "5256341" | "5275780" | "5543107" | "6277321").PN. OR ("7153455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:21
S217	362	425/531.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:23
S218	14	S217 and perforat$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:23
S219	667	425/525.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:40

S220	44	("2908034" | "2951264" | "3019480" | "3115682" | "3144493" | "3268641" | "3347420" | "3538543" | "3729553" | "4065536" | "4548322" | "5052590" | "5114659" | "5135702" | "5223245").PN. OR ("5882574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:45
S221	19	("2991500" | "3366290" | "3444285" | "3892828" | "4079850").PN. OR ("5087406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:49
S222	12	("3160326" | "4195728" | "4796937" | "4960225" | "5087406" | "5232107" | "5429263" | "5467915"). PN. OR ("5711061").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:52
S223	19	("3649728" | "3781395" | "3844698" | "3850562" | "3892513" | "3928522" | "RE23564").PN. OR ("4123217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:55
S224	10	("3564087" | "3983199"). PN. OR ("4086314").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:55
S225	17	("3499071").URPN.	USPAT	OR	ON	2009/04/02 14:03
S226	36	("20030039780" | "3120679" | "3285454" | "3369690" | "3417892" | "3481501" | "3499071" | "3534435" | "3564087" | "3679785" | "3793422" | "3795162" | "3892828" | "3942932" | "4266927" | "4497855" | "4518558" | "4579260" | "4846359" | "5005716" | "5191988" | "5232107" | "5275780" | "5392950" | "5477974" | "6773716" | "D397291"). PN. OR ("7431170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 14:03
S227	1	"20020125254".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 14:58
S228	27	heat$2 with punch with thick	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:04
S229	174	heat$2 with punch with thick$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:05

S230	6266	finger near2 groove	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:15
S231	7	S230 same blow adj mold $3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:15
S232	34	("4153667" | "4177239" | "4235837" | "4241008" | "4318882" | "4372735" | "4375442" | "4379099" | "4385089" | "4397808" | "4482518" | "4512948" | "4522779" | "4550007" | "4584158" | "4589559" | "4590021" | "4603066" | "4820795" | "4836971" | "4839127" | "4846656" | "4933135" | "5145632" | "5248533").PN. OR ("5540879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:17
S233	1092	(post adj mold) or (postmold)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:28
S234	127	S233 same container	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:29
S235	3295	(post adj mold$3) or (postmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:29
S236	281	S235 same container	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:29
S237	10	S236 same (finger or hand or grip)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:29
S238	10	("3564087" | "3983199"). PN. OR ("4086314").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:30
S239	17	("3499071").URPN.	USPAT	OR	ON	2009/04/02 15:32

S240	36	("20030039780" | "3120679" | "3285454" | "3369690" | "3417892" | "3481501" | "3499071" | "3534435" | "3564087" | "3679785" | "3793422" | "3795162" | "3892828" | "3942932" | "4266927" | "4497855" | "4518558" | "4579260" | "4846359" | "5005716" | "5191988" | "5232107" | "5275780" | "5392950" | "5477974" | "6773716" | "D397291"). PN. OR ("7431170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:32
S241	88	("2982440" | "3403804" | "3409167" | "3733309" | "3911071" | "3934743" | "4125632" | "4199629" | "4233022" | "4247012"). PN. OR ("4497855").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:34
S242	66	("3934743" | "4035455" | "4496517" | "4497855" | "4818575" | "5005716" | "5067622" | "5122327" | "5191987" | "5250335" | "5261545" | "5308233" | "5378421" | "5389332"). PN. OR ("5735420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:38
S243	193	S238 or S239 or S240 or S241 or S242	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:44
S244	41	S243 and grip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:44
S245	0	S244 and secondary with molld$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:52
S246	0	S244 and second$3 with molld$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:52
S247	9	S244 and second$3 with mold$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:52
S248	160	264/530.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:54
S249	21	S248 and grip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:55

S250	110	S248 and container	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:57
S251	11	("3865912" | "4550007" | "5248533" | "5308233" | "5378421" | "5382157" | "5501590" | "5520877" | "5585065" | "5641451"). PN. OR ("6080353").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 15:59
S252	2	"3499071".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:05
S253	17	("3499071").URPN.	USPAT	OR	ON	2009/04/02 16:05
S254	36	("20030039780" | "3120679" | "3285454" | "3369690" | "3417892" | "3481501" | "3499071" | "3534435" | "3564087" | "3679785" | "3793422" | "3795162" | "3892828" | "3942932" | "4266927" | "4497855" | "4518558" | "4579260" | "4846359" | "5005716" | "5191988" | "5232107" | "5275780" | "5392950" | "5477974" | "6773716" | "D397291"). PN. OR ("7431170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:06
S255	144	second adj blow adj mold	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:07
S256	1	S255 and containe	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:07
S257	91	S255 and container	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:07
S258	362	425/531.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:23
S259	404856	grip	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:33
S260	313	container with handle with grooves	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:34
S261	23	container with handle with grooves with grip$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 16:34

S262	6	S198 and pet	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 17:04
S263	191	pet with container with clear	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 17:08
S264	1	"6040045".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 09:07
S265	792	(seam or seal) with protect $3 with (recess$3 or indent $5)	US-PGPUB; USPAT	OR	ON	2009/04/19 15:01
S266	12	S265 and blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/04/19 15:02
S267	1	"3008192".pn.	US-PGPUB; USPAT	OR	ON	2009/09/23 10:42
S268	1	"3740181".pn.	US-PGPUB; USPAT	OR	ON	2009/09/23 10:46
S269	145	injection adj extrusion adj blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/09/23 12:29
S270	9	S269 with injection adj blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/09/23 12:29
S271	1	S270 and pet	US-PGPUB; USPAT	OR	ON	2009/09/23 12:29
S272	11	S269 same injection adj blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/09/23 12:30
S273	1	S272 and pet	US-PGPUB; USPAT	OR	ON	2009/09/23 12:30
S274	545	425/525.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/23 12:33
S275	67	S274 and injection adj blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/09/23 12:33
S276	12	S275 and pet	US-PGPUB; USPAT	OR	ON	2009/09/23 12:33
S277	32	injection adj blow adj mold $3 with extrusion adj blow adj mold$3 with pet	US-PGPUB; USPAT	OR	ON	2009/09/23 13:55
S278	4817	fus$3 with PET	US-PGPUB; USPAT	OR	ON	2009/09/23 13:59
S279	9	S278 and biaxial$4 with blow adj mold$3	US-PGPUB; USPAT	OR	ON	2009/09/23 13:59

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